

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-18. (canceled).

19. (new): A method of managing a network comprising a plurality of network devices, the plurality of network devices being connected to the network as a client or server, the method comprising:

establishing a communication channel between a first network device and a second network device;

transmitting from the second network device a predetermined signal that indicates information on at least one of a plurality of functions and operating status of the second network device, to the first network device;

receiving the predetermined signal at the first network device and notifying a user according to the information of the second network device; and

allowing the user to control an operation of the second network device from the first network device by utilizing the received information.

20. (new): The method of claim 19, wherein the predetermined signal is transmitted via a HTTP protocol.

21. (new): The method of claim 19, wherein the first network device is a client device and the second network device is a server device.

22. (new): The method of claim 19, wherein the notifying comprises displaying the information on a screen of the first network device.

23. (new): The method of claim 19, wherein the user can access and control the second network device using a web browser.

24. (new): A method of managing a network comprising a plurality of network devices, the method comprising:

establishing a communication channel between a first network device and a second network device;

receiving a predetermined signal indicating information on at least one of a plurality of functions and operating status of the second network device at the first network device;

notifying a user at the first network device according to the information regarding the second network device; and

allowing the user to control an operation of the second network device from the first network device using the received information via a web browser.

25. (new): The method of claim 24, wherein the predetermined signal is received in a physical layer.

26. (new): The method of claim 24, wherein the notifying comprises displaying the information on a screen of the first network device.

27. (new): The method of claim 26, further comprising:

storing the information regarding the second network device;

comparing the current information regarding the second network device with pre-stored information regarding the second network device; and

displaying contents of the change in the second network device made based on the comparison result on the screen.

28. (new): The method of claim 24, wherein the first network device is a client device and the second network device is a server device.

29 (new): A network device connected to a network, comprising:

a display screen;

a physical layer module for realizing the function of a physical layer;

a link layer module for realizing the function of a link layer; and

a processor in cooperation with the display screen, the physical layer module and the link layer module to perform a method comprising:

- establishing a communication channel with a second network device;
- receiving a predetermined signal indicating information on at least one of a plurality of functions and operating status of the second network device;
- notifying a user according to the information regarding the second network device through the display screen; and
- allowing the user to control an operation of the second network device by utilizing the received information.

30. (new): The device of claim 29, wherein the predetermined signal is received in the physical layer.

31. (new): The device of claim 29, wherein the processor further performs the method comprising:

- storing the information regarding the second network device;
- comparing the current information regarding the second network device with a pre-stored information regarding the second network device; and
- displaying contents of the change in the second network device made based on the comparison result on the screen.

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32. (new): The device of claim 29, wherein the network device is a client device and the second network device is a server device.